

IN THE ABSTRACT:

Please amend the Abstract to read as follows:

ABSTRACT OF THE DISCLOSURE

~~METHOD FOR THE PRODUCTION OF A THERMOPLASTIC BOARD
COMPRISING AT LEAST ONE SMOOTH EDGE, DEVICE
THEREFORE, AND EDGE MACHINING SYSTEM~~

The invention relates to a method for producing a thermoplastic board (20) comprising at least one smooth side edge (21) is produced by means of extrusion. Said The side edge of the a synthetic web is heated at least to the its melting temperature following calibration while the peripheral surface zones are kept at a temperature below the softening temperature by cooling the same. A smoothing device (10') for a side edge of a the thermoplastic board encompasses a guiding groove (14') that is provided with at least one heating means (15'), located within the face (11'), and at least one respective cooling means (16', 17') located within the side surfaces (12', 13') that face each other. The A cutting edge (21, 24) of a synthetic board (20) that can be guided inside the guiding groove (14') rests against the face (11') while the peripheral surface zones (22, 23) thereof lean on against the side surfaces (12', 13').